https://yanfengliux.medium.com/the-confusing-metrics-of-ap-and-map-for-object-detection-3113ba0386ef

https://www.picsellia.com/post/coco-evaluation-metrics-explained

Precision = True Positives / (True Positives + False Positives)
- Out of all predictions, how many were correctly identified as positive

Recall = True Positives / (True Positive + False Negatives)
- Out of all positive cases, how many were identified as positive

IoU - used as a measure of overlap of bounding boxes
- IoU = Area of Overlap / Area of Union

In the coco metric, the IoU threshold is set to decide what is a good enough prediction
- Thresholds like 0.5, 0.75…

Medium / Large images are categorized based on the size of the bounding box